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015123756 **Image available**

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Deceleration triggering and controlling system for vehicle to avoid collision detects objects in sensor range to determine measurement values and predict movement trajectories of objects

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200306291	A1	20030123	WO 2002DE2546	A	20020711	200318 B
DE 10231557	A1	20030731	DE 10231557	A	20020711	200351
US 20040030499	A1	20040212	WO 2002DE2546	A	20020711	200412
			US 2003380259	A	20030808	
EP 1409311	A1	20040421	EP 2002753012	A	20020711	200427
			WO 2002DE2546	A	20020711	
JP 2004521028	W	20040715	WO 2002DE2546	A	20020711	200446
			JP 2003512077	A	20020711	
US 6856906	B2	20050215	WO 2002DE2546	A	20020711	200513
			US 2003380259	A	20030808	

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JP 2004521028 W 36 B60T-007/12 Based on patent WO 200306291

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Abstract (Basic): WO 200306291 A1

NOVELTY - Measurement values representing objects in a sensor detection range are fed to devices (12,13) to regulate distance or speed. Devices to classify the objects assign the objects to different classes when identified. Devices to determine risk of collision determine the probability of a collision.

DETAILED DESCRIPTION - Devices to determine amount of danger determine the probability of injuring passengers after a collision. Deceleration devices (19,20) are triggered accordingly.

An INDEPENDENT CLAIM is also included for a device for triggering and performing deceleration in a vehicle to avoid a collision or to

reduce impact gravity with an object.

USE - For determining and avoiding risk of vehicle collision.

ADVANTAGE - In the event of a predictable risk of collision, deceleration devices on the vehicle are actuated according to the degree of risk of collision.

DESCRIPTION OF DRAWING(S) - The drawing shows a logical diagram of a device for executing the method of the present invention.

Devices regulating speed or distance (12,13)

Deceleration devices (19,20)

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Title Terms: DECELERATE; TRIGGER; CONTROL; SYSTEM; VEHICLE; AVOID; COLLIDE; DETECT; OBJECT; SENSE; RANGE; DETERMINE; MEASURE; VALUE; PREDICT; MOVEMENT; TRAJECTORY; OBJECT

Derwent Class: Q13; Q17; Q18; T01; X22

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